## **ABSTRACT**

A method of measuring reception timings of signals transmitted and received between base stations and a mobile station and calculating the position of the mobile station by using the reception timings and the reception positions of the signals comprises the steps of obtaining the address information items necessary to specify incoming signals used for the position calculation, analyzing address information items included in the incoming signals, and selecting incoming signals used for position calculation according to a result of comparing the obtained address information items with address information items analyzed in accordance with the incoming signals. A signal incoming from a desired radio station is thus selected and used for position calculation.

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